

FLOOR CONTROL IN MULTIMEDIA PUSH-TO-TALK

ABSTRACT

An apparatus, architecture and method for floor control in a Push-to-Talk system.

A mobile station (203) may transmit a floor request message or messages and request

5 multiple floors. Each floor may correspond to a media type having multiple media streams. A PoC server (201) assigns a priority to media types and/or media streams such that for example, a mobile station (203) may have a floor to transmit a video clip having audio and video streams to a talk group (207), and a member of the talk group may have a floor to transmit audio voice commentary on the media to the talk group (207). The
10 embodiments of the present invention enable multimedia communication use cases without the need for duplication of the state machine at each node, thereby conserving resources.